

ABSTRACT

A battery has enhanced reliability by protecting the battery from external impacts by separately installing a reinforcement structure on a casing and an electrode assembly housed in the casing. The configuration reduces or minimizes volumetric change in the dimensions due to volumetric expansion of the electrode assembly. The battery may include an electrode assembly having first and second electrode plates with a separator interposed therebetween. First and second terminal portions extending from the first and second electrode plates and a pouch casing having an open portion and for housing the electrode assembly. A pouch cover coupled and sealed with an opening of the pouch casing. The pouch cover having at least one throughhole and at least one electrode pin fastened to the throughhole. The electrode pin is electrically connected to one of the first and second terminal portions of the electrode assembly. The first and second leads are exposed outside the pouch cover and are electrically connected to the first and second terminal portions.

\\COM\186040.4